

## EXCAVATION SEQUENCE

1. DEMARCATÉ LIMITS OF WORK.
2. CLEAR AREA TO BE GRADED DURING CONSTRUCTION SEASON - RECYCLE MATERIALS.
3. GRUB AND STRIP AREA TO BE GRADED IN IMMEDIATE FUTURE.
4. STORE TOPSOIL IN FLAT AREA WITH LIMIT EXPOSURE TO EROSION FORCES.
5. EXCAVATE AREA WITH SLOPE AWAY FROM WETLANDS AND AREAS TRIBUTARY TO WETLANDS.

### PHASE 1

1. INSPECT BARRIERS AND REPLACE AS REQUIRED. REMOVE PRODUCTS OF EROSION AND ABATE THEIR SOURCE.
2. CONTINUE GRADING WITH SLOPE AWAY FROM WETLAND TO MAXIMUM EXTENT POSSIBLE.
3. INSTALL BARRIER AT TOP OF SLOPE TO DIVERT RUNOFF AND PROTECT SLOPE.
4. TAKE CARE TO INSURE LOW POINTS WITH CONCENTRATED RUNOFF. DO NOT OCCUR AT EDGE OF EXCAVATION.

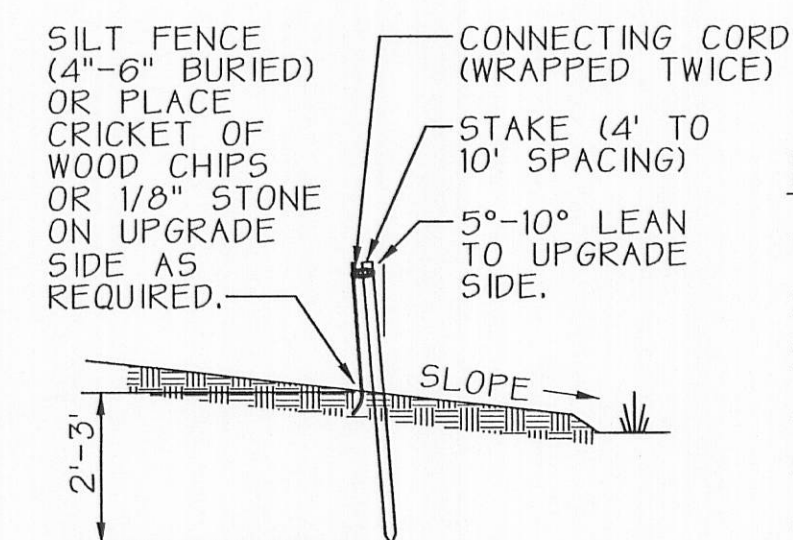
### PHASE 2

1. COMPLETE GRADING TO FINISH GRADE. LEAVE SMALL BERM AT EDGE IF NECESSARY UNTIL AREA IS STABILIZED.
2. REMOVE BERM AND EROSION BARRIERS WHEN AREA IS STABILIZED.

### PHASE 3

## EXCAVATION SEQUENCE & FILL SEQUENCE

N.T.S.



### NOTES:

1. MAINTAIN AND REMOVE FENCE AS REQUIRED.
2. REMOVE PRODUCTS OF EROSION FREQUENTLY.
3. BACK FENCE WITH STAKED HAYBALES IN HIGH RISK AREAS.
4. PENETRATE OR "SNUG" GROUND WITH BOTTOM FOR ENTIRE LENGTH.
5. DO NOT INSTALL IN A MANNER WHICH WILL CONCENTRATE RUNOFF.
6. FENCES SHALL BE LOCATED AT LIMIT OF WORK, OR AS SHOWN ON PLANS.

## EROSION CONTROL BARRIER DETAIL

(TWO ALTERNATIVES)  
N.T.S.

## FILL SEQUENCE

1. DEMARCATÉ LIMITS OF WORK.
2. CLEAR AREA TO BE COMPLETED DURING CONSTRUCTION.
3. GRUB AND STRIP AREA TO BE FILLED IN IMMEDIATE FUTURE.
4. INSURE LOW POINTS WITH CONCENTRATED RUNOFF DO NOT OCCUR.
5. FORM A FLAT BERM AT TOE OF PROPOSED FILL.

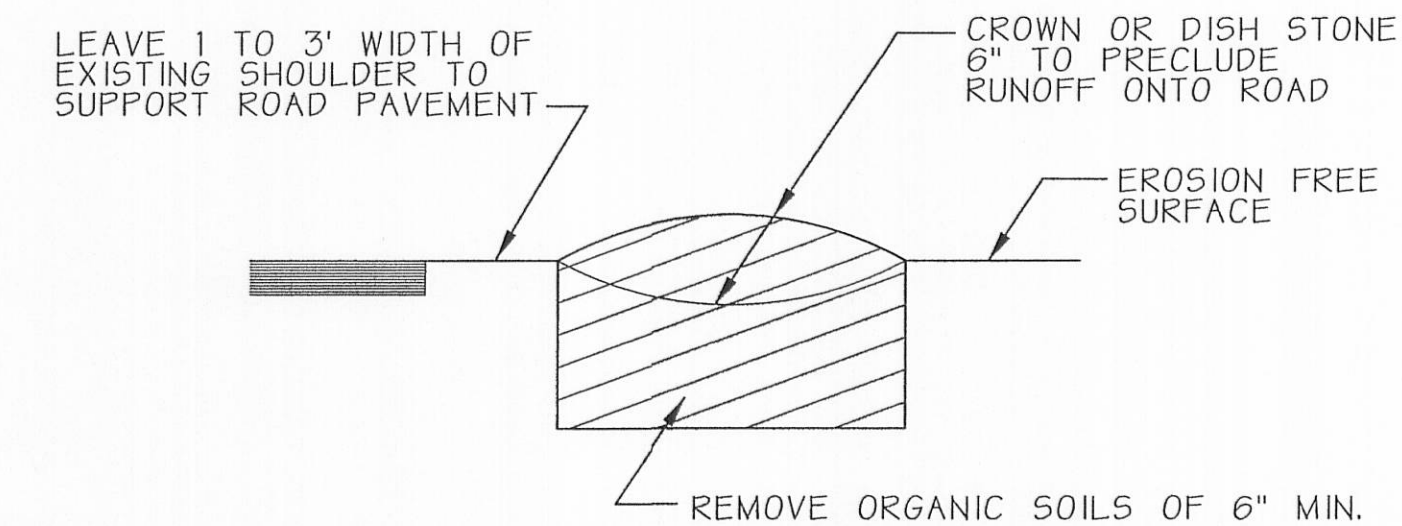
### PHASE 1

1. PLACE FILL WITH SLOPE AWAY FROM WETLANDS AND AREAS TRIBUTARY TO WETLANDS.
2. INSPECT BARRIERS, REPLACE AS REQUIRED, REMOVE PRODUCTS OF EROSION AND ABATE THEIR SOURCE.
3. STABILIZE OUTSLOPES AS SOON AS POSSIBLE. TRACK SLOPES WITH GROUSERS PRIOR TO AND AFTER PLACEMENT OF LOAM.

### PHASE 2

1. CONTINUE TO STABILIZE OUT-SLOPES AS SOON AS POSSIBLE.
2. INSTALL BARRIERS AT TOP OF STEEP SLOPES IF REQUIRED TO PROTECT THEM FROM CONCENTRATED RUNOFF.
3. PROVIDE TEMPORARY SETTLING BASINS TO RETAIN WATER AWAY FROM SLOPES OR INSTALL DIVERSION DIKES.
4. REMOVE EROSION BARRIERS AND PRODUCTS OF EROSION AS SOON AS POSSIBLE.

### PHASE 3

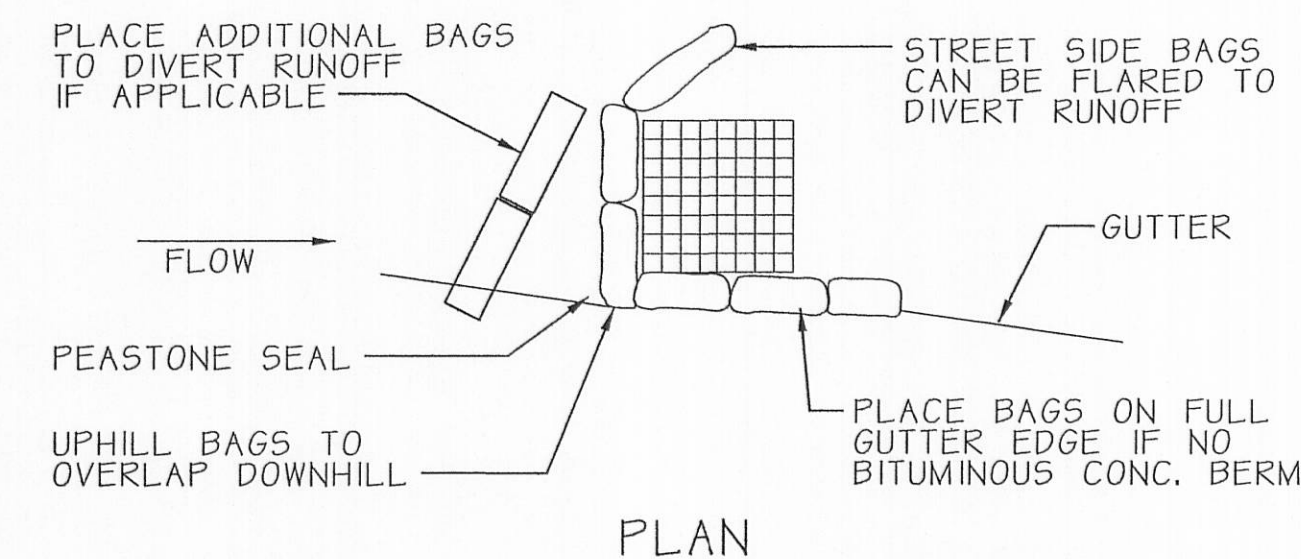
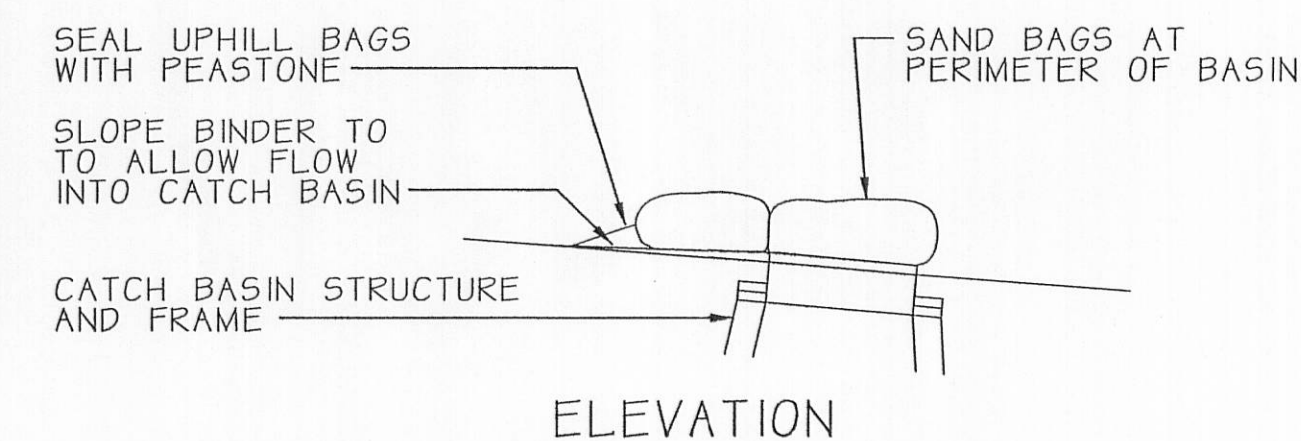


### NOTES:

1. STONE SHALL BE 1-3" IN SIZE & INSTALLED TO REMOVE & ENTRAP MATERIALS FROM TIRES AND NOT BE TRANSPORTED TO THE ROAD.
2. STONE SHALL EXTEND ACROSS FULL WIDTH OF ENTRANCE & BE OF SUFFICIENT LENGTH TO PRECLUDE MUD FROM REACHING ROAD.
3. STONE SHALL BE REPLACED AS REQUIRED TO INSURE MUD REMOVAL.

## TEMPORARY CONSTRUCTION ENTRANCE

N.T.S.

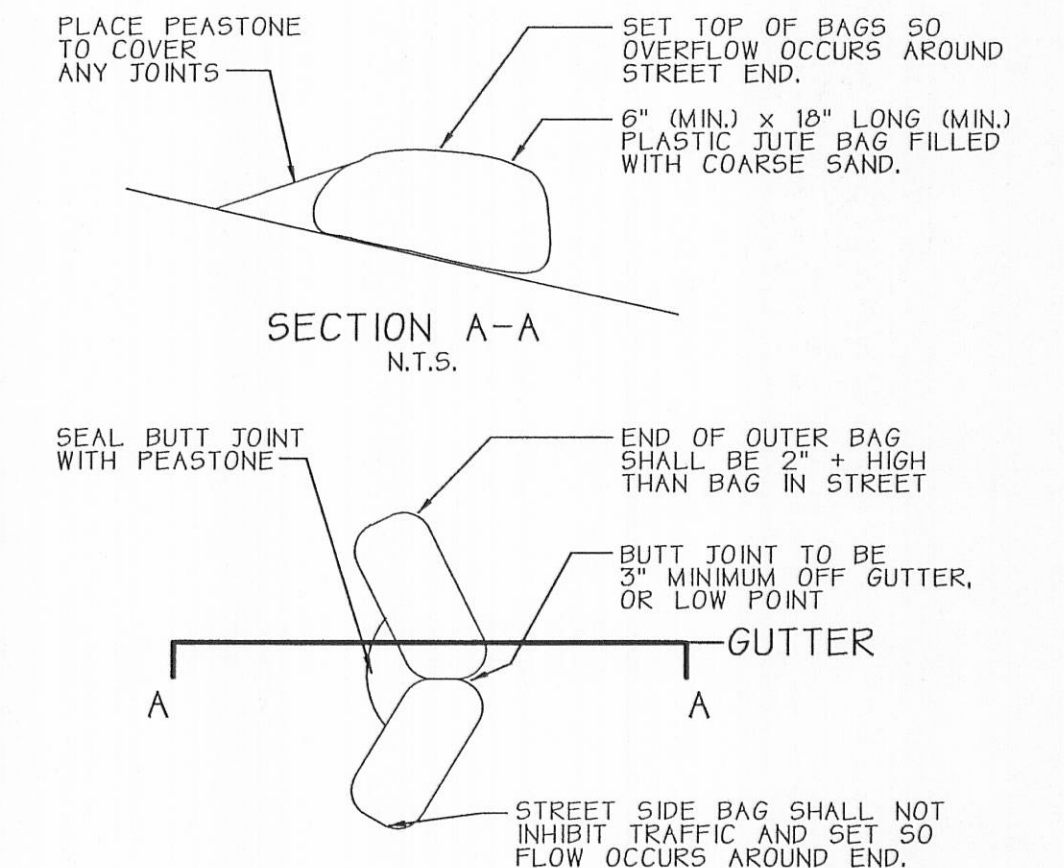


### NOTE:

1. FRAMES SHALL BE SET LOW OR PAVEMENT ADDED AND REMOVED TO PROVIDE FLOW TO BASIN FROM BINDER COURSE.

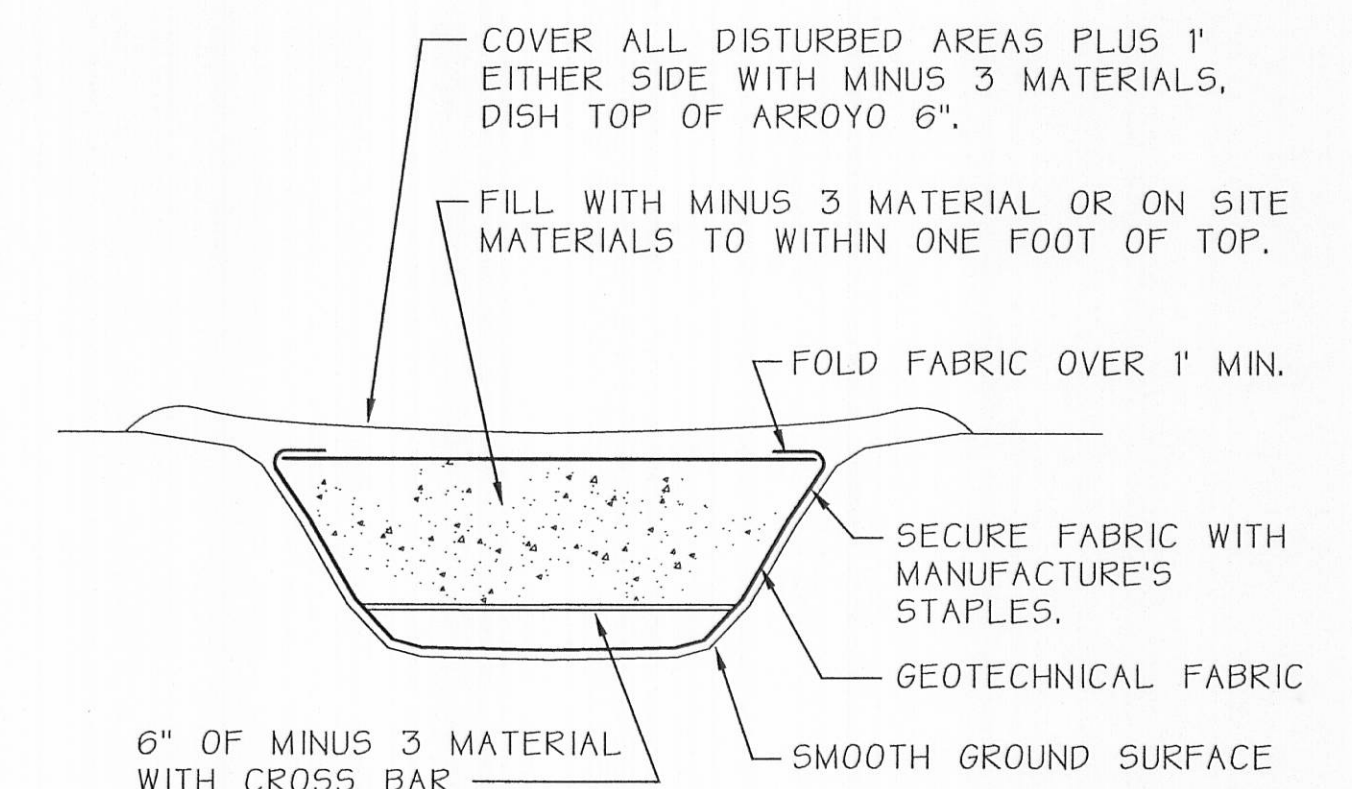
## CATCH BASIN PROTECTION DETAIL

N.T.S.



## GUTTER CHECK DAM DETAIL

N.T.S.

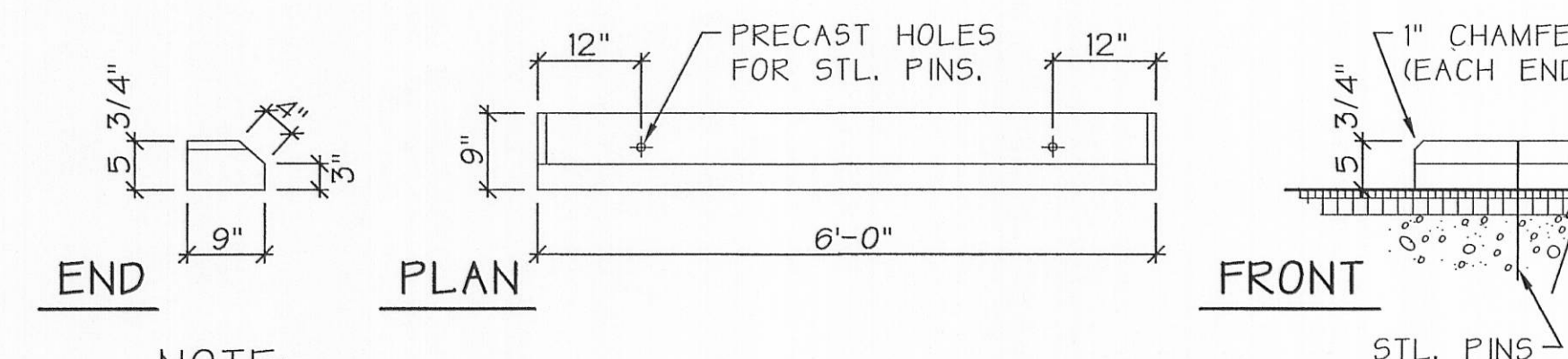


### NOTES:

1. REMOVE ALL FALLEN TREES, ROOTS, ETC. TO ALLOW GEOTECHNICAL FABRIC TO BE SET AGAINST EXISTING BOTTOM AND SIDES.
2. HAND EXCAVATE 1' WIDE x 1' DEEP ANCHOR GROOVES AT 10' O.C. TO SECURE FABRIC. PLACE 150# STONES TO FORM CROSS BAR ACROSS FULL WIDTH ON BOTTOM.
3. HAND RAKE (FORM) SIDES AND BOTTOM TO MINIMIZE VOIDS BELOW GEOTECHNICAL FABRIC & EXISTING SIDES.
4. GEOTECHNICAL FABRIC SHALL OVERLAP 3' MIN. WITH DOWNHILL FABRIC EXTENDING BELOW AND UPHILL (LIKE ROOF SHINGLES).
5. FABRIC SHALL BE CARTRIDGE MILLS POLYFILTER-X OR APPROVED EQUAL.

## ARROYO REHABILITATION DETAIL

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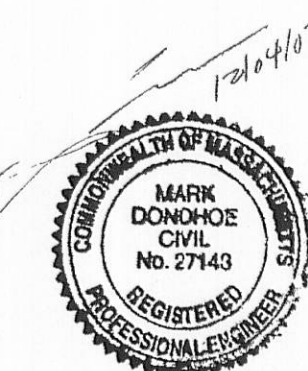


### NOTE:

1. CONCRETE WHEEL STOP BY SHEA CONCRETE PRODUCTS, INC. (PH. 1978.658.2645) ITEM #B-BBSF OR APPROVED EQUAL. FOUR REQ'D. LOCATE AT RETAINING WALLS.

## CONCRETE WHEEL STOP DETAIL

N.T.S.



No.	DATE	DESCRIPTION
4	11/17/03	BRD. OF SELECTMEN, TOWN REVIEW
3	9/18/03	TOWN AGENCY REVIEW
2	6/9/99	SITE PLAN COMMITTEE COMMENTS
1	3/5/99	SITE PLAN COMMITTEE COMMENTS
REVISIONS		

## SITE DETAILS - SHEET 4

40 SUDBURY ROAD  
(FORMERLY 65-71 POWDER MILL ROAD)  
ACTON, MASSACHUSETTS 01720

PREPARED FOR:  
OLD MILL DEVELOPMENT TRUST  
6 PROCTOR STREET  
ACTON, MA 01720  
NOT TO SCALE  
DATE: DECEMBER 4, 2003

ACTON SURVEY & ENGINEERING, INC.  
97 GREAT ROAD - P.O. BOX 666 - ACTON, MA 01720  
PH. (978) 263-3666 FAX (978) 635-0218

SHEET 8 OF 8

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